

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IL2004/000289

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B5/00 G01N21/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61B G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 405 069 B1 (KARABUTOV ALEXANDER A ET AL) 11 June 2002 (2002-06-11)	1-7,9, 14-17, 19-23,28
Y	the whole document	8,10-13, 18,24-27
X	US 6 498 942 B1 (ESENALIEV RINAT O ET AL) 24 December 2002 (2002-12-24) column 3, line 14 - column 5, line 24 column 7, line 65 - column 8, line 9 column 10, line 3 - column 11, line 9 ----- -/--	1-7,9, 15-17, 19-23

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

17 August 2004

Date of mailing of the international search report

31/08/2004

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INTERNATIONAL SEARCH REPORT

Initial Application No
PCT/IL2004/000289

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>MOURANT J R ET AL: "Mechanisms of light scattering from biological cells relevant to noninvasive optical-tissue diagnostics" APPL. OPT. (USA), APPLIED OPTICS, 1 JUNE 1998, OPT. SOC. AMERICA, USA, vol. 37, no. 16, 1 June 1998 (1998-06-01), - 1 June 1998 (1998-06-01) pages 3586-3593, XP001182699 ISSN: 0003-6935 cited in the application paragraph '0003!</p>	8,24
Y	<p>----- ESENALIEV R O ET AL: "NONINVASIVE MONITORING OF GLUCOSE CONCENTRATION WITH OPTICAL COHERENCE TOMOGRAPHY" OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 26, no. 13, 1 July 2001 (2001-07-01), pages 992-994, XP001110430 ISSN: 0146-9592 page 992</p>	10,18
Y	<p>----- WO 02/15776 A (BEN AMI UDI ; NAGAR RON (IL); PESACH BENNY (IL); GLUCON INC (US)) 28 February 2002 (2002-02-28) cited in the application page 2, line 20 - page 4, line 10</p>	11,13, 25,27
Y	<p>----- OBERHEIDE U ET AL: "Two-dimensional detection of optoacoustic stress transients" PROC. SPIE - INT. SOC. OPT. ENG. (USA), PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 2002, SPIE-INT. SOC. OPT. ENG, USA, vol. 4618, 2002, pages 99-105, XP002292756 ISSN: 0277-786X paragraphs '0001!, '03.3!</p>	12,26

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2004/000289

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6405069	B1	11-06-2002	US 6309352 B1 30-10-2001
			US 5840023 A 24-11-1998
			WO 0024315 A1 04-05-2000
			AU 732799 B2 03-05-2001
			AU 1857097 A 22-08-1997
			CA 2244732 A1 07-08-1997
			EP 0920277 A1 09-06-1999
			JP 11514549 T 14-12-1999
			WO 9727801 A1 07-08-1997
US 6498942	B1	24-12-2002	AU 6894500 A 05-03-2001
			WO 0110295 A1 15-02-2001
WO 0215776	A	28-02-2002	AU 8006601 A 04-03-2002
			EP 1313396 A1 28-05-2003
			WO 0215776 A1 28-02-2002
			JP 2004506467 T 04-03-2004
			US 2003167002 A1 04-09-2003